01/09/2006,10718879a.trn

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PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'HCAPLUS' AT 11:53:10 ON 29 AUG 2006
FILE 'HCAPLUS' ENTERED AT 11:53:10 ON 29 AUG 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.53	169.68

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.53	169.68

FILE 'REGISTRY' ENTERED AT 11:53:22 ON 29 AUG 2006
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STRUCTURE FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9
DICTIONARY FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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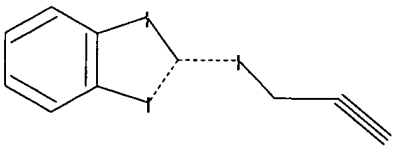
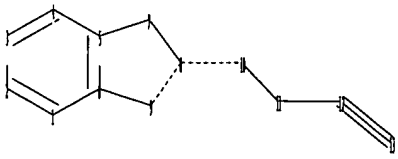
Uploading C:\Program Files\Stnexp\Queries\10718879a.str





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10  11  12  13
ring nodes :
1  2  3  4  5  6  7  8  9
chain bonds :
8-10  10-11  11-12  12-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
5-7  6-9  7-8  8-9  8-10  10-11
exact bonds :
11-12  12-13
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  13:CLASS



L5      STRUCTURE UPLOADED

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L5 HAS NO ANSWERS
L5              STR
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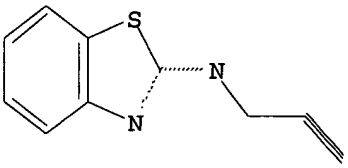


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Structure attributes must be viewed using STN Express query preparation.


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SAMPLE SCREEN SEARCH COMPLETED -       61 TO ITERATE

100.0% PROCESSED       61 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          752 TO     1688
PROJECTED ANSWERS:               3 TO      163

L6            3 SEA SSS SAM L5

=> s l5 full
FULL SEARCH INITIATED 11:53:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1314 TO ITERATE

100.0% PROCESSED     1314 ITERATIONS                              72 ANSWERS
SEARCH TIME: 00.00.01
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L7            72 SEA SSS FUL L5

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   166.94     336.62

FILE 'HCAPLUS' ENTERED AT 11:53:53 ON 29 AUG 2006
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FILE COVERS 1907 - 29 Aug 2006  VOL 145 ISS 10
FILE LAST UPDATED: 28 Aug 2006  (20060828/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s l7
L8            19 L7

=> d ed abs ibib hitstr 1-19
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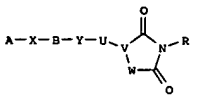
L8 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 28 Oct 2005
GI



I

AB The title compds. I [A = alkyl, cycloalkyl, aryl, etc.; UV = R2CH:CH, R2CHCH (wherein R2 = H, alkyl, alkoxy); W = S, O, NR3 (R3 = H, alkyl); X = (CH2)nCH2O(CH2)nCH2C.tplbond.C, NR1(CH2)nCH2C.tplbond.C, (CH2)nCH2C.tplbond.C (n = 0-3; R1 = H, alkyl, with the proviso that when X = (CH2)nCH2C.tplbond.C, UV can not be R2CHCH, unless A = acyloxy); B = aryl, heterocyclyl; Y = (CH2)n (n = 0-3); R = H, alkyl, cycloalkyl, aryl, heterocyclyl] which have PPAR agonist activity and hence can be used as antidiabetic compds, were prepared General procedures for synthesis of I such as 5-[4-(3-acetoxyprop-1-ynyl)benzylidene]thiazolidine-2,4-dione, were given (no specific synthetic example). Compds. I can be used for the treatment of diabetes and diabetes-associated complications, for the treatment of diseases and conditions in which insulin resistance is the central pathophysiol. mechanism, for the treatment of diseases or conditions such as Type II diabetes, dyslipidemia, hypertension, coronary heart disease, cardiovascular disease, atherosclerosis, diabetes nephropathy, glomerulonephritis, glomerularsclerosis, nephrotic syndrome, hypertensive nephrosclerosis, polycystic ovarian syndrome, eating disorders, psoriasis, obesity, for improving cognitive functions in dementia and as aldose reductase inhibitors. Processes for the preparation of compds. I, pharmaceutical compns. containing I, and the methods for treating diabetes mellitus and the diseases and conditions mediated through insulin resistance are claimed.

ACCESSION NUMBER: 2005:1154538 HCAPLUS
DOCUMENT NUMBER: 143:422344
TITLE: Preparation of alkynyl substituted thiazolidinediones as antidiabetic agents
INVENTOR(S): Salman, Mohammad; Sattigeri, Jitendra; Vir, Dharam; Gangan, Vija Dattatraya
PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
SOURCE: PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

L8 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

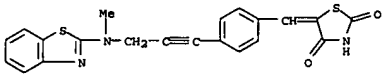
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005100331	A2	20051027	WO 2005-IB998	20050414
WO 2005100331	A3	20060406		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

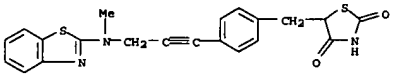
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-562009P P 20040414

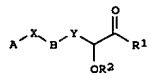
OTHER SOURCE(S): MARPAT 143:422344
IT 868362-68-9P, 5-[4-[3-(N-(2-Benzothiazolyl)-N-methylamino)prop-1-ynyl]benzylidene]thiazolidine-2,4-dione 868363-96-6P, 5-[4-[3-(N-(2-Benzothiazolyl)-N-methylamino)prop-1-ynyl]benzyl]thiazolidine-2,4-dione
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiazolidinediones as antidiabetic agents)
RN 868362-68-9 HCAPLUS
CN 2,4-Thiazolidinedione, 5-[[4-[3-(2-benzothiazolylmethylamino)-1-propynyl]phenyl]methylene]- (9CI) (CA INDEX NAME)



RN 868363-96-6 HCAPLUS
CN 2,4-Thiazolidinedione, 5-[[4-[3-(2-benzothiazolylmethylamino)-1-propynyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 28 Oct 2005
GI



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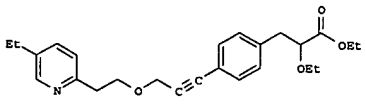


II

AB Title compds. I [A = alkyl, alkenyl, acyl, etc.; X = no atoms, O, -(CH2)nO-(CH2)n-CH2-CHCH, etc.; n = 0-3; B = aryl or heterocycle; Y = (CH2)m; m = 1-3; R1 = OR3 or NR3R4; R3 and R4 = H or alkyl; R2 = alkyl, cycloalkyl, aryl, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as peroxisome proliferator activated receptor (PPAR) agonists. Thus, e.g., II was prepared by benzylation Et ethoxy acetate with 4-bromobenzylbromide followed by coupling with the resp. propargylic heterocycle. The activity of I was evaluated in binding assays for PPARα, PPARδ and PPARγ using CARLA assays and it was revealed that selected compds. of the invention displayed EC50 values in the range of 0.04 to 30 μM for PPARα, 0.03 up to 30 μM for PPARγ and 3 up to 30 μM for PPARδ. I as agonist of PPAR should prove useful in the treatment of diseases such as but not limited to type II diabetes, cardiovascular disease and obesity. Pharmaceutical compns. comprising I are disclosed.

ACCESSION NUMBER: 2005:1154526 HCAPLUS
DOCUMENT NUMBER: 143:440047
TITLE: Preparation of substituted phenyl propanoic acids and esters as peroxisome proliferator activated receptor (PPAR) agonists
INVENTOR(S): Salman, Mohammad; Sattigeri, Jitendra A.
PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005100318	A1	20051027	WO 2005-IB1002	20050414

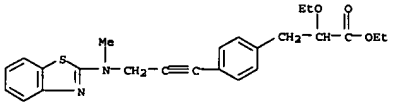
L8 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

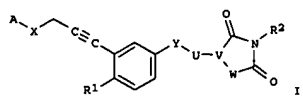
PRIORITY APPLN. INFO.: US 2004-562085P P 20040414

OTHER SOURCE(S): MARPAT 143:440047
IT 868082-31-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted Ph propanoic acids and esters as peroxisome proliferator activated receptor (PPAR) agonists)
RN 868082-31-9 HCAPLUS
CN Benzenepropanoic acid, 4-[3-(2-benzothiazolylmethylamino)-1-propynyl]-α-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 30 Jun 2005
GI



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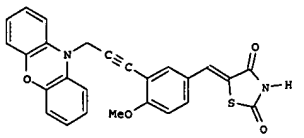


II

AB Title compds. I [A = alkyl, alkenyl, alkynyl, etc.; X = -(CH2)n-(CH2)-O-(CH2)n, -NR(CH2)n-, -(CH2)n-; n = 0-3; R = H, alkyl; Y = (CH2)n; U-V = R3C=C, R3CH-CH; R3 = H, alkyl, alkoxy; W = S, O, NR4; R4 = H, alkyl; R1 = alkyl, cycloalkyl, OH, etc.; R2 = H, alkyl, aryl, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as agonists of PPAR receptors. Thus, e.g., II was prepared by a multi-step process. The activity of I was evaluated in a functional and binding assay for PPARα/δ/γ and it was revealed that compds. of the invention displayed EC50 values for PPARα from 0.02 μM to greater than 30 μM. I as an agonist of PPAR receptors should prove useful in the treatment of diabetes. Pharmaceutical compns. comprising I are disclosed.

ACCESSION NUMBER: 2005:567158 HCAPLUS
DOCUMENT NUMBER: 143:97157
TITLE: Preparation of phenyl acetylene derivatives as agonists of PPAR receptors
INVENTOR(S): Sattigeri, Jitendra A.; Salman, Mohammad
PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

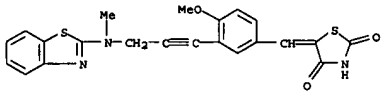
L8 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005058813	A2	20050630	WO 2004-IB4143	20041215
WO 2005058813	A3	20050825		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

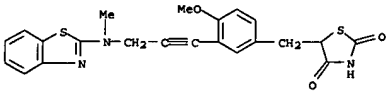
PRIORITY APPLN. INFO.: US 2003-530334P P 20031217

OTHER SOURCE(S): MARPAT 143:97157
IT 856256-31-0P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of Ph acetylene derivs. as agonists of PPAR receptors)
RN 856256-31-0 HCAPLUS
CN 2,4-Thiazolidinedione, 5-[[3-[3-(2-benzothiazolylmethylamino)-1-propynyl]-4-methoxyphenyl]methylene]- (9CI) (CA INDEX NAME)

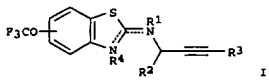


IT 856256-35-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of Ph acetylene derivs. as agonists of PPAR receptors)
RN 856256-35-4 HCAPLUS
CN 2,4-Thiazolidinedione, 5-[[3-[3-(2-benzothiazolylmethylamino)-1-propynyl]-4-methoxyphenyl]methyl]- (9CI) (CA INDEX NAME)

L8 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 10 Sep 2004
GI



I

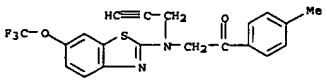
AB Title compds. [I; R1 = null, H, alkyl, alkynyl, aminoalkyl, hydroxyalkyl, (CH2)yS(CH2)xMe, etc.; x = 0-5; y = 1-5; x+y <6; R2, R3 = H, alkyl; R4 = null, H, alkyl, alkynyl, (CH2)yS(CH2)xMe, aminoalkyl, hydroxyalkyl, etc.; ≥1 of R1, R4 is present; dotted line = bond between 1 of the N atoms and the intervening C atom], were prepared Thus, 2-chloro-6-trifluoromethoxybenzothiazole (preparation given) and N-methylpropargylamine were stirred overnight to give methylprop-2-ynyl (6-trifluoromethoxybenzothiazol-2-yl)amine. The latter as the hydrochloride at 10 μM in MPP+ treated PC-12 cells reduced LDH release from 49.7% to 10.9% of total.

ACCESSION NUMBER: 2004:739979 HCAPLUS
DOCUMENT NUMBER: 141:243548
TITLE: Preparation of trifluoromethoxypropargylaminobenzothiazoles for treatment of neurological disorders.
INVENTOR(S): Sterling, Jeffrey; Hayardeny, Liat; Falb, Eliezer; Herzig, Yaacov; Lerner, David
PATENT ASSIGNEE(S): Israel
SOURCE: U.S. Pat. Appl. Publ., 25 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

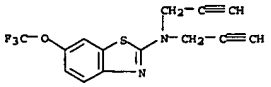
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20041764 30	A1	20040909	US 2003-718879	20031120
PRIORITY APPLN. INFO.:			US 2002-428093P P	20021121

OTHER SOURCE(S): CASREACT 141:243548; MARPAT 141:243548
IT 702659-90-3P 702659-91-4P 702659-92-5P
702659-93-6P 702659-94-7P 702659-95-8P
702659-96-9P 702659-97-0P 702659-98-1P
702659-99-2P 702660-00-2P 702660-01-3P
702660-02-4P 702660-03-5P 702660-04-6P
702660-05-7P 702660-06-8P 702660-07-9P
702660-08-0P 702660-09-1P 702660-11-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of trifluoromethoxypropargylaminobenzothiazoles for treatment of neurol. disorders)
RN 702659-90-3 HCAPLUS
CN Ethanone, 1-(4-methylphenyl)-2-[2-propynyl[6-(trifluoromethoxy)-2-

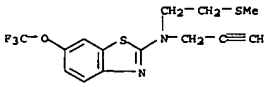
L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
benzothiazolyl]amino]- (9CI) (CA INDEX NAME)



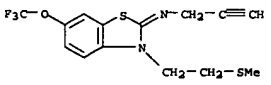
RN 702659-91-4 HCAPLUS
CN 2-Benzothiazolamine, N,N-di-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



RN 702659-92-5 HCAPLUS
CN 2-Benzothiazolamine, N-[2-(methylthio)ethyl]-N-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

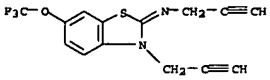


RN 702659-93-6 HCAPLUS
CN 2-Propyn-1-amine, N-[3-[2-(methylthio)ethyl]-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

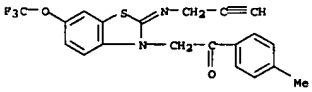


RN 702659-94-7 HCAPLUS
CN 2-Propyn-1-amine, N-[3-(2-propynyl)-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

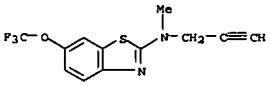
L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



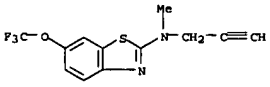
RN 702659-95-8 HCAPLUS
CN Ethanone, 1-(4-methylphenyl)-2-[2-(2-propynylimino)-6-(trifluoromethoxy)-3(2H)-benzothiazolyl]- (9CI) (CA INDEX NAME)



RN 702659-96-9 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



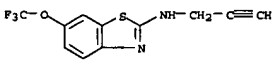
RN 702659-97-0 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



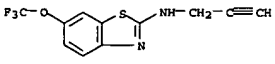
● HCl

RN 702659-98-1 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 702659-99-2 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

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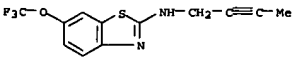

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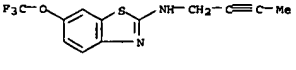
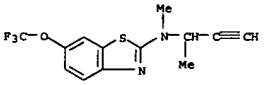
CN 2-Benzothiazolamine, N-2-butynyl-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



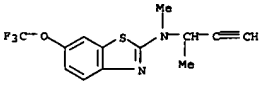
● HCl

RN 702660-02-4 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-(1-methyl-2-propynyl)-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

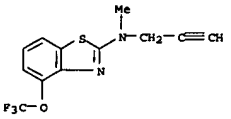


RN 702660-03-5 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-(1-methyl-2-propynyl)-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



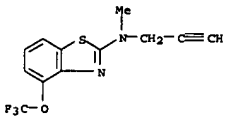
● HCl

RN 702660-04-6 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



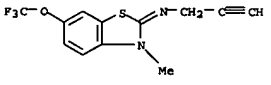
RN 702660-05-7 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-4-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

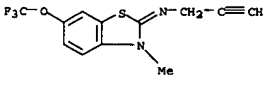


● HCl

RN 702660-06-8 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)



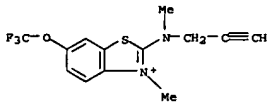
RN 702660-07-9 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

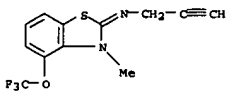
RN 702660-08-0 HCAPLUS
CN Benzothiazolium, 3-methyl-2-(methyl-2-propynylamino)-6-(trifluoromethoxy)-, iodide (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

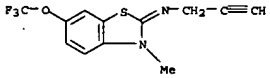


● I⁻

RN 702660-09-1 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-4-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

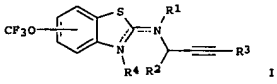


RN 702660-11-5 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]-, monohydriodide (9CI) (CA INDEX NAME)



● HI

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 10 Jun 2004
GI



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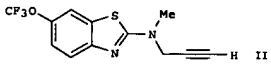


II

AB The invention provides title compds. I [wherein R1 is present or absent, and when present = H, C1-6 alkyl, C1-6 alkynyl, (CH2)yS(CH2)xCH3, C1-6 aminoalkyl, C1-6 hydroxyalkyl, or (CH2)nCO(C6H4)(CH2)R2; R2 = H or C1-4 alkyl; R3 = H or C1-4 alkyl; R4 is present or absent, and when present = H, C1-6 alkyl, C1-6 alkynyl, (CH2)yS(CH2)xCH3, C1-6 aminoalkyl, C1-6 hydroxyalkyl, or (CH2)nCO(C6H4)(CH2)R2; n = 1-6; wherein x = 0-5; y = 1-5, such that (x+y) < 6; at least one of R1 or R4 is present; dashed line = bond between one of two N atoms and the intervening C atom; and the compound is charged when both R1 and R4 are present; including any specific enantiomer, or any pharmaceutically acceptable salt]. The invention also provides a method for treating a neurol. disorder or multiple sclerosis by administering a therapeutically effective amount of any of the compds. I. Neurol. disorders listed in claims include Parkinson's disease, Alzheimer's disease, amyotrophic lateral sclerosis, stroke, neuromuscular disorders, schizophrenia, cerebral infarction, head trauma, glaucoma, facialis, and Huntington's disease. The use of I for destroying or inhibiting the proliferation of microbes or fungi is also claimed. For instance, hydrazinolysis of 6-trifluoromethoxy-2-aminobenzothiazole with NH2NH2.H2SO4 and NH2NH2.H2O in ethylene glycol at 140° gave 65% (6-trifluoromethoxybenzothiazol-2-yl)hydrazine, which was chlorinated with SOCl2 (neat) at 65° to give 2-chloro-6-trifluoromethoxybenzothiazole. This chloride (crude) was treated with N-methylpropargylamine to give invention compound II, also isolated as II.HCl (III) by precipitation from EtOH/HCl using Et2O. III showed neuroprotective activity against MPP+ toxicity, both in vitro (PC-12 cells) and in vivo (mice). At 10 mg/kg, twice daily, II gave complete protection of mice against mortality in an exptl. allergic encephalomyelitis (EAE) model of multiple sclerosis.

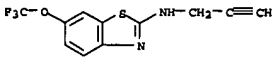
ACCESSION NUMBER: 2004:470953 HCAPLUS
DOCUMENT NUMBER: 141:38603
TITLE: Propargyl-trifluoromethoxy-amino-benzothiazole derivatives with neuroprotective activity, and their preparation, pharmaceutical compositions, and use
INVENTOR(S): Sterling, Jeffrey; Hayardeny, Liat; Flab, Eliezer; Herzig, Yaacov; Lerner, David
PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva Pharmaceutical Usa, Inc.
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004047756	A2	20040610	WO 2003-US37592	20031120
WO 2004047756	A3	20040708		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2507414	AA	20040610	CA 2003-2507414	20031120
AU 2003295898	A1	20040618	AU 2003-295898	20031120
BR 2003015704	A	20050906	BR 2003-15704	20031120
EP 1569641	A2	20050907	EP 2003-787112	20031120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1741802	A	20060301	CN 2003-80109082	20031120
JP 2006507350	T2	20060302	JP 2004-555702	20031120
NO 2005002979	A	20050819	NO 2005-2979	20050617

PRIORITY APPLN. INFO.: US 2002-301540 A 20021121
WO 2003-US37592 W 20031120

OTHER SOURCE(S): CASREACT 141:38603; MARPAT 141:38603
IT 702659-98-1P, Prop-2-ynyl(6-trifluoromethoxybenzothiazol-2-yl)amine 702660-06-8P, (3-Methyl-6-trifluoromethoxy-3H-benzothiazol-2-ylidene)(prop-2-ynyl)amine
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; preparation of (propargylamino)(trifluoromethoxy)benzothiazole derivs. as neuroprotectants)
RN 702659-98-1 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 702660-06-8 HCAPLUS
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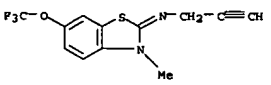

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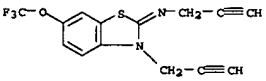
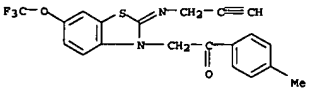
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of (propargylamino)(trifluoromethoxy)benzothiazole derivs. as neuroprotectants)
RN 702659-90-3 HCAPLUS

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 702659-95-8 HCAPLUS
CN Ethanone, 1-(4-methylphenyl)-2-[2-(2-propynylimino)-6-(trifluoromethoxy)-3(2H)-benzothiazolyl]- (9CI) (CA INDEX NAME)



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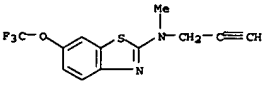

RN 702659-97-0 HCAPLUS
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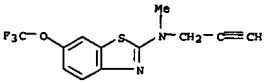
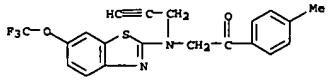


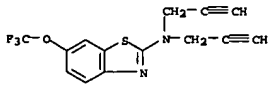
● HCl

RN 702659-99-2 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl-6-(trifluoromethoxy)-, monohydrochloride
(9CI) (CA INDEX NAME)

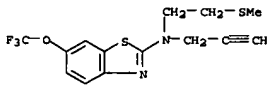
L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN Ethanone, 1-(4-methylphenyl)-2-[2-propynyl[6-(trifluoromethoxy)-2-benzothiazolyl]amino]- (9CI) (CA INDEX NAME)



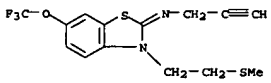
RN 702659-91-4 HCAPLUS
CN 2-Benzothiazolamine, N,N-di-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



RN 702659-92-5 HCAPLUS
CN 2-Benzothiazolamine, N-[2-(methylthio)ethyl]-N-2-propynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

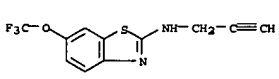


RN 702659-93-6 HCAPLUS
CN 2-Propyn-1-amine, N-[3-[2-(methylthio)ethyl]-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)



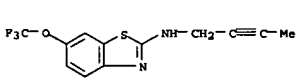
RN 702659-94-7 HCAPLUS
CN 2-Propyn-1-amine, N-[3-(2-propynyl)-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

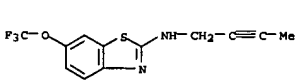


● HCl

RN 702660-00-2 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

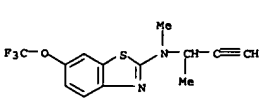


RN 702660-01-3 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



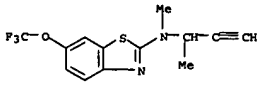
● HCl

RN 702660-02-4 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-(1-methyl-2-propynyl)-6-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



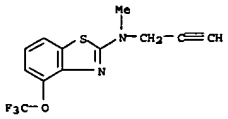
RN 702660-03-5 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-(1-methyl-2-propynyl)-6-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

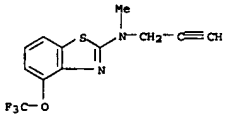


● HCl

RN 702660-04-6 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



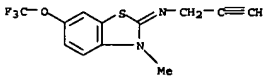
RN 702660-05-7 HCAPLUS
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl-4-(trifluoromethoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

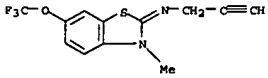
RN 702660-07-9 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]-, monohydrochloride (9CI) (CA INDEX NAME)

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



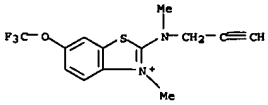
● HI

L8 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



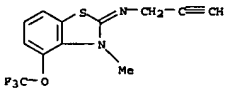
● HCl

RN 702660-08-0 HCAPLUS
CN Benzothiazolium, 3-methyl-2-(methyl-2-propynylamino)-6-(trifluoromethoxy)-, iodide (9CI) (CA INDEX NAME)



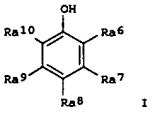
● I⁻

RN 702660-09-1 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-4-(trifluoromethoxy)-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

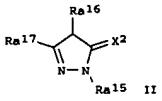


RN 702660-11-5 HCAPLUS
CN 2-Propyn-1-amine, N-[3-methyl-6-(trifluoromethoxy)-2(3H)-benzothiazolylidene]-, monohydriodide (9CI) (CA INDEX NAME)

L8 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 06 Oct 2000
GI



I



II

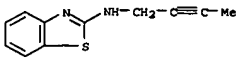
AB The photog. film contains at least 1 kind of compound selected from R11OCO(CH2)mCO2R12, R21OCO(CnH2n-2)CO2R22, R31OCO(CH2)pCO2R32, R41R42R43COH, and X-((CH2)q-O(CO)R51)r [R11, R12, R21, R22 = C4-10-alkyl; m,n = 2-10; R31, R32 = C3-24-alkyl; p = 2-10; R41 = alkyl, alkenyl; R42, R43 = H, alkyl, alkenyl; X = 5- to 7-membered saturated hydrocarbon ring; q = 0-2; r = 1-3; R51 = C4-16-alky], and at least 1 radical scavenger selected from Xa1-(C(Ra1):Y)n-Xa2 [Xa1, Xa2 = -ORa3, -N(Ra4)Ra5; Ra3 = H, group capable of becoming H upon hydrolysis; Ra4, Ra5 = H, alkyl, alkenyl, aryl, heterocycle, sulfonyl, acyl, etc.; Y = C(Ra2), N; Ra1, Ra2 = H, substituent; n ≥0], I [Ra6-10 = H, alkyl, alkenyl, aryl, etc.], II [Ra15 = H, alkaline metal, quaternary ammonium; Ra16, Ra17 = H, halo, alkyl, aryl, etc.; Xa = O, substituted imino], and Ra19Ra20NORa18 [Ra18 = alkyl, alkenyl, aryl, heterocycle, acyl, sulfonyl; Ra19 = alkyl, alkenyl, aryl, etc.; Ra20 = H, alkyl, alkenyl, aryl, etc.].

ACCESSION NUMBER: 2000:705345 HCAPLUS
DOCUMENT NUMBER: 133:288786
TITLE: Silver halide color photographic film with excellent shelf life, reduced fog, and high sensitivity
INVENTOR(S): Kawabe, Satomi; Hoshino, Hiroyuki
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 67 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

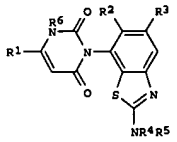
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000275802	A2	20001006	JP 1999-79969	19990324
PRIORITY APPLN. INFO.:			JP 1999-79969	19990324

OTHER SOURCE(S): MARPAT 133:288786
IT 161765-65-7
RL: DEV (Device component use); USES (Uses)
(in Ag halide color photog. film with excellent shelf life, reduced fog, and high sensitivity)
RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)

L8 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L8 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 26 Aug 1998
GI



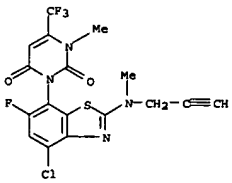
AB Title compds. (I; R1 = alkyl, haloalkyl; R2 = H, halo; R3 = halo; R4 = alkyl; R5 = alkyl, haloalkyl, cyanoalkyl, alkoxyalkyl, alkenyl, halogenalkenyl, alkynyl, cycloalkylalkyl, Ph, phenylalkyl; R4R5 = tetramethylene; R6 = H, amino, alkyl), were prepared as herbicides, desiccants, and defoliants (no data). Thus, 4-chloro-6-fluoro-2-(pyrrolidin-1-yl)-7-(6-trifluoromethyl-2,4(1H,3H)-pyrimidindion-3-yl)benzothiazole (preparation given) in 2-butanone was treated with K2CO3 and MeI to give 4-chloro-6-fluoro-7-(1-methyl-6-trifluoromethyl-2,4(1H,3H)-pyrimidindion-3-yl)-2-(pyrrolidin-1-yl)benzothiazole.

ACCESSION NUMBER: 1998:543070 HCAPLUS
DOCUMENT NUMBER: 129:148990
TITLE: Preparation of substituted 2-(2,4(1H,3H)-pyrimidindion-3-yl)benzthiazoles as herbicides, desiccants, and defoliants.
INVENTOR(S): Zagar, Cyrill; Heistracher, Elisabeth; Reinhard, Robert; Hamprecht, Gerhard; Menges, Markus; Menke, Olaf; Schafer, Peter; Westphalen, Karl-Otto; Misslitz, Ulf; Walter, Helmut
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

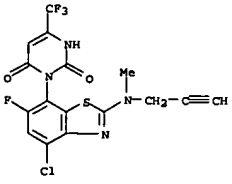
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9833796	A1	19980806	WO 1998-EP581	19980204
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CN 1194645	A	19980930	CN 1996-196607	19960826
CA 2279644	AA	19980806	CA 1998-2279644	19980204
EP 958295	A1	19991124	EP 1998-906910	19980204

L8 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
R: CH, DE, FR, GB, LI
JP 2001511140 T2 20010807 JP 1998-532559 19980204
PRIORITY APPLN. INFO.: DE 1997-19704134 A 19970204
WO 1998-EP581 A 19980204

OTHER SOURCE(S): MARPAT 129:148990
IT 210834-74-5P 210834-81-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted 2-(2,4(1H,3H)-pyrimidindion-3-yl)benzthiazoles as herbicides, desiccants, and defoliants)
RN 210834-74-5 HCAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-6-fluoro-2-(methyl-2-propynylamino)-7-benzothiazolyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

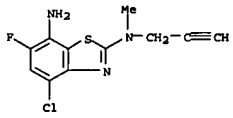


RN 210834-81-4 HCAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-6-fluoro-2-(methyl-2-propynylamino)-7-benzothiazolyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



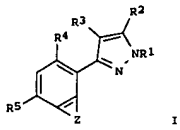
IT 210834-92-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

L8 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
(prepn. of substituted 2-(2,4(1H,3H)-pyrimidindion-3-yl)benzthiazoles as herbicides, desiccants, and defoliants)
RN 210834-92-7 HCAPLUS
CN 2,7-Benzothiazolediamine, 4-chloro-6-fluoro-N2-methyl-N2-2-propynyl- (9CI)
(CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 10 Jul 1998
GI



I

AB Title compds. [I; R1 = H, alkyl, haloalkyl; R2 = cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl; R3 = H, halo, cyano, NO2, alkyl, haloalkyl; R4 = H, halo; R5 = H, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy; Z = N:C(XR6)O, N:C(XR6)S; X = bond, O, S, SO, SO2, NH, NR7; R6, R7 = alkyl, haloalkyl, cyanoalkyl, hydroxyalkyl, alkenyl, cyanoalkenyl, haloalkenyl, alkynyl, cyanoalkynyl, haloalkoxyalkyl, haloalkylthioalkyl, alkenylthioalkyl, alkynylthioalkyl, alkylsulfinylalkyl, alkoxycarbonylalkyl, etc.; R6R7 = (CH2)3, (CH2)4, (CH2)5, etc.], were prepared Thus, 2-amino-4-chloro-7-(4-chloro-5-difluoromethoxy-1-methyl-1H-pyrazol-3-yl)-6-fluorobenzothiazole (preparation given) was stirred with dimethyldisulfide and tert-Bu nitrite in CH2Cl2 to give 4-chloro-7-(4-chloro-5-difluoromethoxy-1-methyl-1H-pyrazol-3-yl)-6-fluoro-2-(methylthio)benzothiazole. The latter at 15.6 and 31.2 g/ha postemergent showed good activity against broadleaf weeds.

ACCESSION NUMBER: 1998:424249 HCAPLUS
DOCUMENT NUMBER: 129:81727
TITLE: Preparation of pyrazole-3-ylbenzazoles as herbicides, desiccants, and defoliants.
INVENTOR(S): Zagar, Cyrill; Hamprecht, Gerhard; Menges, Markus; Menke, Olaf; Schafer, Peter; Westphalen, Karl-Otto; Misslitz, Ulf; Walter, Helmut
PATENT ASSIGNEE(S): Basf A.-G., Germany
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

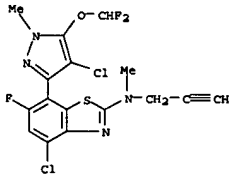
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9827090	A2	19980625	WO 1997-EP6715	19971201
WO 9827090	A3	19980917		

W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

L8 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

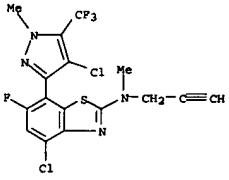
CA 2275611	AA	19980625	CA 1997-2275611	19971201
AU 9858536	A1	19980715	AU 1998-58536	19971201
AU 744339	B2	20020221		
EP 944623	A2	19990929	EP 1997-954346	19971201
EP 944623	B1	20040901		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, FI, RO				
CN 1244865	A	20000216	CN 1997-181435	19971201
CN 1145626	B	20040414		
BR 9713947	A	20001024	BR 1997-13947	19971201
JP 2001506641	T2	20010522	JP 1998-527237	19971201
IL 130469	A1	20011031	IL 1997-130469	19971201
AT 275146	E	20040915	AT 1997-954346	19971201
ZA 9711235	A	19990615	ZA 1997-11235	19971215
TW 474916	B	20020201	TW 1997-86118977	19971216
NO 9902924	A	19990813	NO 1999-2924	19990615
NO 313880	B1	20021216		
KR 2000057600	A	20000925	KR 1999-705383	19990616
US 6232470	B1	20010515	US 1999-331065	19990616
BG 63873	B1	20030430	BG 1999-103554	19990705
PRIORITY APPLN. INFO.:			DE 1996-19652240 A	19961216
			WO 1997-EP6715 W	19971201

OTHER SOURCE(S): MARPAT 129:81727
IT 209346-54-3P 209347-06-8P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazole-3-ylbenzazoles as herbicides, desiccants, and defoliants)
RN 209346-54-3 HCAPLUS
CN 2-Benzothiazolamine, 4-chloro-7-[4-chloro-5-(difluoromethoxy)-1-methyl-1H-pyrazol-3-yl]-6-fluoro-N-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)

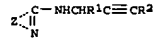


RN 209347-06-8 HCAPLUS
CN 2-Benzothiazolamine, 4-chloro-7-[4-chloro-1-methyl-5-(trifluoromethyl)-1H-

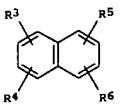
L8 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
pyrazol-3-yl]-6-fluoro-N-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)



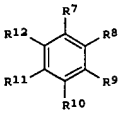
L8 ANSWER 9 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 05 Dec 1996
GI



I



II



III

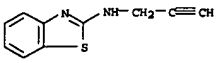
AB A photog. element comprises a support having situated thereon a silver halide emulsion, the emulsion comprising an alkynylamine compound of the formula I wherein Z represents atoms necessary to complete a 5-10-membered heterocyclic ring system, R1 represents hydrogen or alkyl of from 1 to 5 carbon atoms, and R2 represents hydrogen, alkyl, aryl, heteroaryl, carbocyclic, or heterocyclyl and at least one dihydroxy aryl compound represented by formula II or III wherein R3 to R12 are independently selected from the group consisting of hydrogen, hydroxy, sulfonate, and alkyl of from 1 to 5 carbon atoms and wherein at least two of such groups represent a hydroxy group.

ACCESSION NUMBER: 1996:713632 HCAPLUS
DOCUMENT NUMBER: 126:96802
TITLE: Photographic element and method of making silver halide emulsion
INVENTOR(S): Eikenberry, Jon N.; Bernard, Robert E.
PATENT ASSIGNEE(S): Eastman Kodak Company, USA
SOURCE: U.S., 12 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

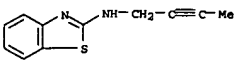
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5576170	A	19961119	US 1995-430954	19950428
JP 08339047	A2	19961224	JP 1996-109922	19960430
PRIORITY APPLN. INFO.:			US 1995-430954 A	19950428

OTHER SOURCE(S): MARPAT 126:96802
IT 85902-43-8 161765-65-7 161765-68-0
161765-70-4 175841-12-0 175841-13-1
RL: TEM (Technical or engineered material use); USES (Uses)
(silver halide photog. emulsions with improved sensitivity and reduced fog containing dihydroxyaryl compds. and)
RN 85902-43-8 HCAPLUS

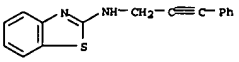
L8 ANSWER 9 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)



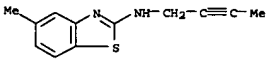
RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)



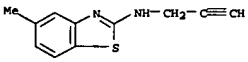
RN 161765-68-0 HCAPLUS
CN 2-Benzothiazolamine, N-(3-phenyl-2-propynyl)- (9CI) (CA INDEX NAME)



RN 161765-70-4 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-5-methyl- (9CI) (CA INDEX NAME)

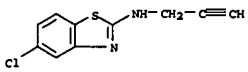


RN 175841-12-0 HCAPLUS
CN 2-Benzothiazolamine, 5-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)

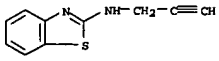


RN 175841-13-1 HCAPLUS
CN 2-Benzothiazolamine, 5-chloro-N-2-propynyl- (9CI) (CA INDEX NAME)

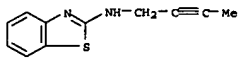
L8 ANSWER 9 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



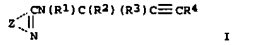
L8 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 03 May 1996
AB A number of 2-(alkynylamino)-substituted heterocycles have been synthesized.
These heterocycles rearrange in the presence of silver(I) and gold(I) salts to give novel 2H-pyrimido[2,1-b]benzoxazoles, 2H-pyrimido[2,1-b]benzothiazoles, and a 2H-pyrimido[2,1-b]benzoselenazole. Two of the the
2H-pyrimido[2,1-b]benzoxazoles were isolated in good yield. The kinetics of the silver tetrafluoroborate-catalyzed rearrangements of selected (alkynylamino)benzoxazoles and benzothiazoles have been examined by 1H NMR
in CD3CN. Factors affecting the electron densities of the triple bond and
of the nitrogen atom in the heterocycle are important in influencing the rate of rearrangement.
ACCESSION NUMBER: 1996:259706 HCAPLUS
DOCUMENT NUMBER: 125:10669
TITLE: Facile Rearrangements of Alkynylamino Heterocycles with Noble Metal Cations
AUTHOR(S): Lok, Roger; Leone, Ronald E.; Williams, Antony J.
CORPORATE SOURCE: Eastman Kodak Company, Rochester, NY, 14650, USA
SOURCE: Journal of Organic Chemistry (1996), 61(10), 3289-97
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:10669
IT 85902-43-8P 161765-65-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and rearrangement of)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)



RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)



L8 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 22 Mar 1996
GI



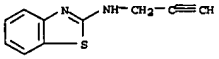
I

AB A process is disclosed for preparing a photog. emulsion utilizing an alkynylamine compound as a grain growth modifier. Specifically, the present
invention provides a process of preparing a photog. emulsion comprising introducing silver ions, halide ions, and a grain growth modifier having the structure I, wherein Z represents atoms necessary to complete a 5-9-membered heterocyclic ring system, R1, R2 and R3 independently represent hydrogen or a lower alkyl of from 1 to 5 carbon atoms, and R4 represents hydrogen or an aliphatic, carbocyclic, or heterocyclic group, which may be substituted or unsubstituted, into a dispersing medium containing
silver halide seed grains and maintaining the dispersing medium containing the
seed grains, silver ions, halide ions, and grain growth modifier at a pH in the range from about 4.5 to about 10 and a pAg in the range from about 6.0 to about 9.5.
ACCESSION NUMBER: 1996:169215 HCAPLUS
DOCUMENT NUMBER: 124:302399
TITLE: Process of forming a photographic emulsion
INVENTOR(S): Wen, Xin; Lok, Roger
PATENT ASSIGNEE(S): Eastman Kodak Company, USA
SOURCE: U.S., 20 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

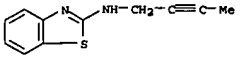
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5491056	A	19960213	US 1994-296567	19940826
JP 08069072	A2	19960312	JP 1995-240480	19950828
PRIORITY APPLN. INFO.:			US 1994-296567 A	19940826

OTHER SOURCE(S): MARPAT 124:302399
IT 85902-43-8 161765-65-7 161765-68-0
161765-70-4 161765-71-5 175841-10-8
175841-12-0 175841-13-1
RL: TEM (Technical or engineered material use); USES (Uses)
(silver halide photog. emulsion preparation using silver halide grain growth
modifier of)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)

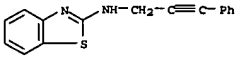
L8 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



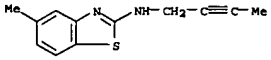
RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)



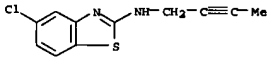
RN 161765-68-0 HCAPLUS
CN 2-Benzothiazolamine, N-(3-phenyl-2-propynyl)- (9CI) (CA INDEX NAME)



RN 161765-70-4 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-5-methyl- (9CI) (CA INDEX NAME)

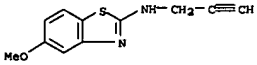


RN 161765-71-5 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-5-chloro- (9CI) (CA INDEX NAME)

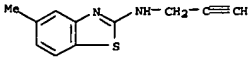


RN 175841-10-8 HCAPLUS
CN 2-Benzothiazolamine, 5-methoxy-N-2-propynyl- (9CI) (CA INDEX NAME)

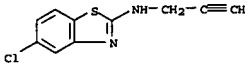
L8 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



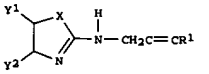
RN 175841-12-0 HCAPLUS
CN 2-Benzothiazolamine, 5-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 175841-13-1 HCAPLUS
CN 2-Benzothiazolamine, 5-chloro-N-2-propynyl- (9CI) (CA INDEX NAME)



L8 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 28 Sep 1995
GI



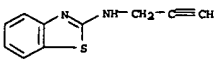
I

AB A method of finishing an emulsion comprises providing Ag halide grains, adding to the emulsion in an amount between .apprx.0.005 and 0.10 mmol/per mole of Ag of the compound I [X = O, S, Se; R1 = alkyl or substituted alkyl or aryl or substituted aryl; Y1 and Y2 individually = H, alkyl groups or an aromatic nucleus or together = the atoms necessary to complete a cyclic structure containing C, O, Se, or N atoms necessary to complete a fused aromatic nucleus or an alicyclic structure]. A photog. element comprising the Ag halide emulsion is also claimed.

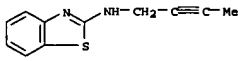
ACCESSION NUMBER: 1995:818680 HCAPLUS
DOCUMENT NUMBER: 123:212987
TITLE: A class of compounds which increases and stabilizes photographic speed.
INVENTOR(S): Eikenberry, Jon Nathan; Lok, Roger; Chen, Chung Yuan
PATENT ASSIGNEE(S): Eastman Kodak Co, USA
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 658803	A1	19950621	EP 1994-119840		19941215
EP 658803	B1	19980902			
R: BE, DE, FR, GB					
US 5500333	A	19960319	US 1993-169478		19931216
PRIORITY APPLN. INFO.:			US 1993-169478	A	19931216

OTHER SOURCE(S): MARPAT 123:212987
IT 85902-43-8
RL: MOA (Modifier or additive use); USES (Uses)
(compds. which increase and stabilize photog. speed.)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)



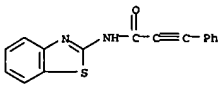
L8 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
IT 161765-65-7P
RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(compds. which increase and stabilize photog. speed.)
RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)



L8 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 14 Jun 1995
AB Substituted 2, 5-diaryl-4-isothiazolin-3-ones (Markush included) are disclosed, as are their synthesis, pharmaceutical prepns. containing them, and their use in the treatment of thrombosis and especially inflammation. N-(4-methylphenyl)-5-phenyl-4-isothiazolin-3-one (preparation given) had an IC50 of 13.2 μM in a bovine nasal septum cartilage degradation assay.
ACCESSION NUMBER: 1995:607986 HCAPLUS
DOCUMENT NUMBER: 123:47905
TITLE: Substituted 2,5-diaryl-4-isothiazolin-3-ones as antiinflammatory and antithrombotic agents
INVENTOR(S): Petraitis, Joseph J.; Sherk, Susan R.
PATENT ASSIGNEE(S): The Dupont Merck Pharmaceutical Company, USA
SOURCE: U.S., 13 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5411977	A	19950502	US 1993-40771	19930331
PRIORITY APPLN. INFO.:			US 1993-40771	19930331

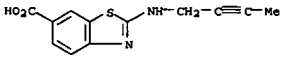
OTHER SOURCE(S): MARPAT 123:47905
IT 164395-92-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(substituted diaryl isothiazolinones as antiinflammatory and antithrombotic agents, and their preparation)
RN 164395-92-0 HCAPLUS
CN 2-Propynamide, N-2-benzothiazolyl-3-phenyl- (9CI) (CA INDEX NAME)



L8 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 09 Jun 1995
AB A neg. or reversal photog. element comprises a photog. emulsion and a H2O soluble photog. sensitivity increasing alkynylamine compound Y-NHCH2C.tplbond.CR3 [R3 = H,aliphatic, carbocyclic, heterocyclic group; Y = N-containing heterocyclyl having a H2O-solubilizing group as a substituent].
ACCESSION NUMBER: 1995:602373 HCAPLUS
DOCUMENT NUMBER: 123:183296
TITLE: Photographic sensitivity increasing alkynylamine compounds and photographic elements
INVENTOR(S): Lok, Roger; Preddy, Carl R.; Harder, John W.
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 10 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5413905	A	19950509	US 1993-169833	19931216
JP 07199390	A2	19950804	JP 1994-310508	19941214
EP 665461	A1	19950802	EP 1994-119839	19941215
R: BE, CH, DE, FR, GB, IT, LI, NL				
PRIORITY APPLN. INFO.:			US 1993-169833 A	19931216

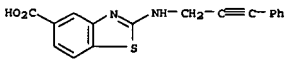
OTHER SOURCE(S): MARPAT 123:183296
IT 167307-87-1 167307-90-6 167307-91-7 167307-92-8 167307-93-9 167307-94-0 167307-96-2
RL: MOA (Modifier or additive use); USES (Uses)
(Photog. sensitivity increasing alkynylamine compds.)
RN 167307-87-1 HCAPLUS
CN 6-Benzothiazolecarboxylic acid, 2-(2-butynylamino)-, monosodium salt (9CI)
(CA INDEX NAME)



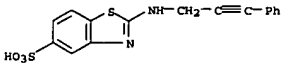
● Na

RN 167307-90-6 HCAPLUS
CN 5-Benzothiazolecarboxylic acid, 2-[(3-phenyl-2-propynyl)amino]- (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

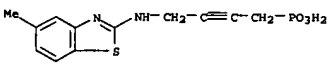


RN 167307-91-7 HCAPLUS
CN 5-Benzothiazolesulfonic acid, 2-[(3-phenyl-2-propynyl)amino]-, monosodium salt (9CI) (CA INDEX NAME)



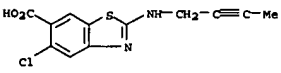
● Na

RN 167307-92-8 HCAPLUS
CN Phosphonic acid, [4-[(5-methyl-2-benzothiazolyl)amino]-2-butynyl]-, monopotassium salt (9CI) (CA INDEX NAME)



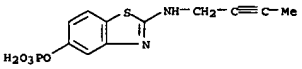
● K

RN 167307-93-9 HCAPLUS
CN 6-Benzothiazolecarboxylic acid, 2-(2-butynylamino)-5-chloro- (9CI) (CA INDEX NAME)



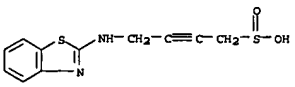
RN 167307-94-0 HCAPLUS
CN 5-Benzothiazolol, 2-(2-butynylamino)-, dihydrogen phosphate (ester), monopotassium salt (9CI) (CA INDEX NAME)

L8 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● K

RN 167307-96-2 HCAPLUS
CN 2-Butyne-1-sulfinic acid, 4-(2-benzothiazolylamino)-, monopotassium salt (9CI) (CA INDEX NAME)



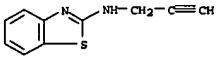
● K

L8 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 17 Mar 1995
AB A photog. element is described comprising a Ag halide emulsion, the emulsion comprising Ag halide grains which contain an alkynylamine dopant.
The presence of the alkynylamine dopant imparts to the photog. element the
advantageous characteristic of increased sensitivity without requiring the
addition of oxidants to control fog.
ACCESSION NUMBER: 1995:420770 HCAPLUS
DOCUMENT NUMBER: 122:201130
TITLE: Photographic elements containing alkynylamine dopants
INVENTOR(S): Preddy, Carl R.; Lam, Wai K.; Lok, Roger
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 9 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

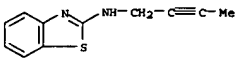
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5389510	A	19950214	US 1993-169832	19931216
JP 07199391	A2	19950804	JP 1994-313437	19941216
JP 3440152	B2	20030825		

PRIORITY APPLN. INFO.: US 1993-169832 A 19931216

OTHER SOURCE(S): MARPAT 122:201130
IT 85902-43-8 161765-65-7 161765-68-0
161765-70-4 161765-71-5
RL: MOA (Modifier or additive use); USES (Uses)
(dopant for photog. emulsions)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)

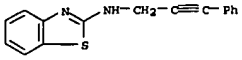


RN 161765-65-7 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl- (9CI) (CA INDEX NAME)

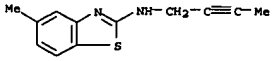


RN 161765-68-0 HCAPLUS
CN 2-Benzothiazolamine, N-(3-phenyl-2-propynyl)- (9CI) (CA INDEX NAME)

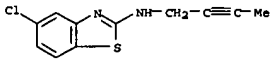
L8 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



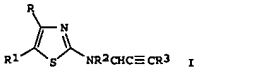
RN 161765-70-4 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-5-methyl- (9CI) (CA INDEX NAME)



RN 161765-71-5 HCAPLUS
CN 2-Benzothiazolamine, N-2-butynyl-5-chloro- (9CI) (CA INDEX NAME)



L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 25 Nov 1984
GI



I

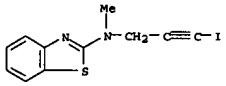
AB The fungicidal title compds. I [R = H, C1-4 alkyl, CO2H, CHO, C1-4 hydroxyalkyl, mono- and dialkylaminomethyl, C1-4 alkoxycarbonyl, hydroxyiminomethyl, (un)substituted carbamoyl, Ph; R1 = H, C1-4 alkyl, C1-4 alkoxycarbonyl, halo; RR1 = (un)substituted benzo; R2 = H, C1-4 alkyl; R3 = H, iodo] were prepared Thus 2-(methylamino)-5-methylthiazole was treated with BuLi and HC.tplbond.CCH2Br to give 73% I (R = R3 = H, R1 = R2 = Me)(II), which was treated with BuLi and iodine to give 83% I (R = H, R1 = R2 = Me, R3 = iodo). At 900 ppm II completely controlled Botrylis
cinerea on cucumbers.
ACCESSION NUMBER: 1984:591886 HCAPLUS
DOCUMENT NUMBER: 101:191886
TITLE: Propynylaminothiazole derivatives
INVENTOR(S): Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; Takahashi, Toshio
PATENT ASSIGNEE(S): Shionogi and Co., Ltd. , Japan
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 111904	A2	19840627	EP 1983-112646	19831215
EP 111904	A3	19860122		
R: BE, CH, DE, FR, IT, LI, NL, SE				
JP 59112978	A2	19840629	JP 1982-225271	19821221
US 4535088	A	19850813	US 1983-557365	19831202
ZA 8309037	A	19840725	ZA 1983-9037	19831205
ES 527795	A1	19851001	ES 1983-527795	19831205
AU 8322110	A1	19840628	AU 1983-22110	19831206
AU 565850	B2	19871001		
DK 8305872	A	19840622	DK 1983-5872	19831220
GB 2132617	A1	19840711	GB 1983-33982	19831221
GB 2132617	B2	19860529		
CA 1212117	A1	19860930	CA 1983-443876	19831221

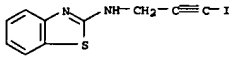
PRIORITY APPLN. INFO.: JP 1982-225271 A 19821221

OTHER SOURCE(S): CASREACT 101:191886; MARPAT 101:191886
IT 92677-39-9P 92677-40-2P 92677-53-7P
92677-54-8P 92677-55-9P 92677-56-0P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

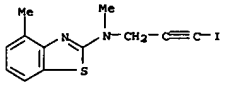
L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
(prepn. and fungicidal activity of)
RN 92677-39-9 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N-methyl- (9CI) (CA INDEX NAME)



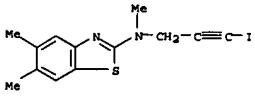
RN 92677-40-2 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)- (9CI) (CA INDEX NAME)



RN 92677-53-7 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N,4-dimethyl- (9CI) (CA INDEX NAME)

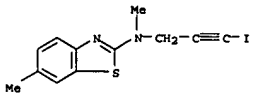


RN 92677-54-8 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N,5,6-trimethyl- (9CI) (CA INDEX NAME)

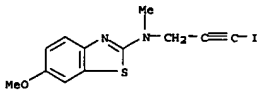


RN 92677-55-9 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N,6-dimethyl- (9CI) (CA INDEX NAME)

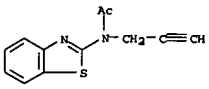
L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



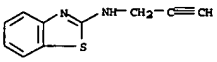
RN 92677-56-0 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-6-methoxy-N-methyl- (9CI) (CA INDEX NAME)



IT 92677-87-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)
RN 92677-87-7 HCAPLUS
CN Acetamide, N-2-benzothiazolyl-N-2-propynyl- (9CI) (CA INDEX NAME)

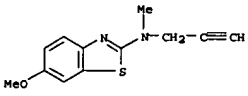


IT 85902-43-8P 92677-77-5P 92677-90-2P
92677-91-3P 92677-92-4P 92677-93-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and iodination of)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)

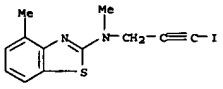


RN 92677-77-5 HCAPLUS

L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

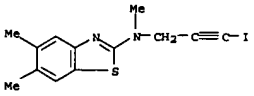


IT 92677-64-0P 92677-65-1P 92677-66-2P
92677-84-4P 92677-85-5P 92677-86-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 92677-64-0 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N,4-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 92677-65-1 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N,5,6-trimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



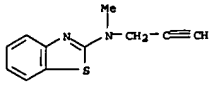
● HCl

RN 92677-66-2 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-6-methoxy-N-methyl-, ethanedioate (9CI) (CA INDEX NAME)

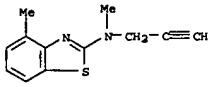
CM 1

CRN 92677-56-0
CMF C12 H11 I N2 O S

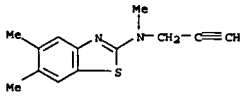
L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN 2-Benzothiazolamine, N-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)



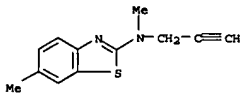
RN 92677-90-2 HCAPLUS
CN 2-Benzothiazolamine, N,4-dimethyl-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 92677-91-3 HCAPLUS
CN 2-Benzothiazolamine, N,5,6-trimethyl-N-2-propynyl- (9CI) (CA INDEX NAME)

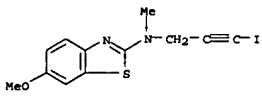


RN 92677-92-4 HCAPLUS
CN 2-Benzothiazolamine, N,6-dimethyl-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 92677-93-5 HCAPLUS
CN 2-Benzothiazolamine, 6-methoxy-N-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)

L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



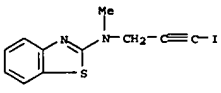
CM 2

CRN 144-62-7
CMF C2 H2 O4

RN 92677-84-4 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N-methyl-, mononitrate (9CI) (CA INDEX NAME)

CM 1

CRN 92677-39-9
CMF C11 H9 I N2 S

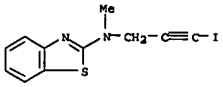


CM 2

CRN 7697-37-2
CMF H N O3

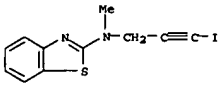
RN 92677-85-5 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

L8 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



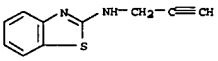
● HCl

RN 92677-86-6 HCAPLUS
CN 2-Benzothiazolamine, N-(3-iodo-2-propynyl)-N-methyl-, monohydrobromide (9CI) (CA INDEX NAME)

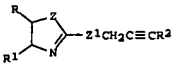


● HBr

L8 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
RL: USES (Uses)
(photog. element contg., for increased speed and reduced latent image fading)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)



L8 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 01 Sep 1984
GI



I

AB A photog. latent image stabilizer comprises a compound of the formula I (R,
R1 = H, an aromatic nucleus, or together complete a fused aromatic nucleus; R2 =
H, Me; Z = O, S, Se, or NR3 where R3 = H or C1-5 alkyl; Z1 = CH2NR3, NR3).
Photog. elements containing I also exhibit increased speed. Thus, a multilayer color photog. element was prepared which contained 2-[N-(2-propynyl)amino]benzoxazole (II) at 0.2 mmol/mol Ag in a faster yellow dye-forming emulsion layer. The element was then cut into 3 parts.
One part was imagewise exposed and processed immediately, a 2nd was stored
2 wk at 25.6° and 50% relative humidity prior to exposure-processing, and a 3rd was imagewise exposed, stored 2 wk at 25.6° and 50% relative humidity, and processed. The relative blue speeds (at 0.2 above Dmin) were 129, 123, and 170 vs. 100, 95, and 83 for II-free control samples subjected to the same treatments as above.

ACCESSION NUMBER: 1984:481597 HCAPLUS
DOCUMENT NUMBER: 101:81597
TITLE: Photographic speed increasing and latent image stabilizing compounds, silver halide emulsions, and photographic elements
INVENTOR(S): Lok, Roger; Freeman, John P.; Baum, William N.
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 8 pp. Cont.-in-part of U.S. 4,378,426.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4451557	A	19840529	US 1983-466244	19830214
US 4378426	A	19830329	US 1981-320794	19811112
CA 1194482	A1	19851001	CA 1983-430255	19830613
US 104903	H	19841204	US 1984-577934	19840207
PRIORITY APPLN. INFO.:			US 1981-320794	A2 19811112
			US 1983-466244	A 19830214

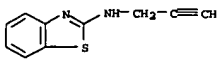
IT 85902-43-8

L8 ANSWER 18 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 12 May 1984
GI For diagram(s), see printed CA Issue.
AB A photog. emulsion which exhibits increased speed and reduced latent image
fading contains as a latent image stabilizer a compound of the formula I (X
= O, S, Se, NR; Y = the necessay atoms to complete a fused aromatic nucleus;
Z = CH2NR, NR; and R = H, C1-5 alkyl). Thus, a multilayer color film element, containing in a faster yellow dye-forming emulsion layer a S-Au sensitized AgBr (1.62 g Ag/m2, gelatin 1.72 g/m2) emulsion, a yellow dye-forming coupler 0.33 g/m2 and II 0.2 mmol/mol Ag, was imagewise exposed, stored 2 wk at 25.6° (relative humidity 50%), and processed to give an image with a relative blue speed of 170 vs. 83 for a II-free control.

ACCESSION NUMBER: 1983:413920 HCAPLUS
DOCUMENT NUMBER: 99:13920
TITLE: Photographic speed-increasing and latent image-stabilizing compounds, silver halide emulsions, and photographic elements
INVENTOR(S): Lok, Roger; Freeman, John P.; Baum, William N.
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 7 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4378426	A	19830329	US 1981-320794	19811112
US 103803	H	19840103	US 1982-408536	19820816
CA 1173042	A1	19840821	CA 1982-411798	19820921
JP 58090634	A2	19830530	JP 1982-196880	19821111
JP 59042293	B4	19841013		
US 4451557	A	19840529	US 1983-466244	19830214
US 104903	H	19841204	US 1984-577934	19840207
PRIORITY APPLN. INFO.:			US 1981-320794	A3 19811112
			US 1983-466244	A3 19830214

IT 85902-43-8
RL: USES (Uses)
(photog. color material containing, for increased speed and latent image
stabilization)
RN 85902-43-8 HCAPLUS
CN 2-Benzothiazolamine, N-2-propynyl- (9CI) (CA INDEX NAME)



L8 ANSWER 19 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ED Entered STN: 12 May 1984
GI For diagram(s), see printed CA Issue.
AB Thirty-eight title compds. [I; X = S or O; Rn = H, Cl, Me, 4-F3C, 4-MeO, 4-Me2CH, 6-Br, 6-Et, 6-EtO, or 5,6-Me2; R1 = H, C1-5 alkyl, allyl, (CH2)nR2 (where n = 1-3 and R2 = Cl, OMe, tetrahydrofryl, C.tplbond.CH, or CHBrCH2Br), or COR3 (where R3 = CH2F, OCH2CH:CH2, SEt, OEt, SMe, or OMe)], useful as insecticides, acaricides, or nematocides, were prepared a) by reaction of 2-amino(or alkylamino)benzothiazoles or -benzoxazoles with FCH2COCl or with FCH2CO2Na and SOCl2 or PCl3 or b) by reaction of 2-(chloroacetamido)benzothiazoles or -benzoxazoles with KF, followed (when R1 = H) by treatment with NaH and R1Br or with Me3COK and ClCOR3. Pesticidal compns. containing I were reported.

ACCESSION NUMBER: 1972:552162 HCAPLUS
DOCUMENT NUMBER: 77:152162
TITLE: 2-(Fluoroacetamido)benzothiazoles and -benzoxazoles
INVENTOR(S): Bader, Joerg
PATENT ASSIGNEE(S): Agripat S. A.
SOURCE: Ger. Offen., 44 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2206575	A	19720914	DE 1972-2206575	19720211
NL 7202462	A	19720829	NL 1972-2462	19720224
DD 100622	C	19731005	DD 1972-161108	19720224
BE 779837	A1	19720825	BE 1972-114359	19720225
FR 2127807	A5	19721013	FR 1972-6518	19720225
ZA 7201255	A	19721129	ZA 1972-1255	19720225
IT 953462	A	19730810	IT 1972-21070	19720225
ES 400151	A1	19751116	ES 1972-400151	19720225

PRIORITY APPLN. INFO.: CH 1971-2897 A 19710226
CH 1971-16121 A 19711105
CH 1972-1225 A 19720126

IT 37968-18-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 37968-18-6 HCAPLUS
CN Acetamide, N-2-benzothiazolyl-2-fluoro-N-2-propynyl- (9CI) (CA INDEX NAME)

L8 ANSWER 19 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)